

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N27/00 G01N5/02 G01N11/16 G01N29/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 325 704 A (MARIANI ELIO A ET AL) 5 July 1994 (1994-07-05) column 2, line 26 – line 60 -----	1-4
Y	US 5 936 150 A (SEABURY CHARLES W ET AL) 10 August 1999 (1999-08-10) cited in the application the whole document -----	1
Y	US 6 196 059 B1 (UTTENTHALER ERICH ET AL) 6 March 2001 (2001-03-06) column 3, line 28 – line 39 -----	1
A	US 2002/170341 A1 (JAKOBY BERNHARD ET AL) 21 November 2002 (2002-11-21) paragraph '0021! – paragraph '0025!; figure 1 ----- -/-	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the International search

9 December 2004

Date of mailing of the International search report

22/12/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	S. J. MARTIN ET AL.: "gas sensing with surface acoustic wave devices" 1985 INTERNATIONAL CONFERENCE ON SOLID-STATE SENSORS AND ACTUATORS-DIGEST OF TECHNICAL PAPERS, 1985, pages 71-73, XP008040158 page 71, left-hand column, paragraphs 1,2; figure 1 -----	1
A	US 5 932 953 A (DREES DENNIS M ET AL) 3 August 1999 (1999-08-03) column 4, line 56 - column 5, line 40; figures 1,2 -----	1
A	H. P. LOEBL: "solidly mounted bulk acoustic wave filters for the ghz frequency range" PROC. IEEE ULTRASONICS SYMPOSIUM, vol. 1, 2002, XP008040146 abstract -----	1

Information on patent family members

International Application No
PCT/IB2004/051896

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5325704	A	05-07-1994	NONE			
US 5936150	A	10-08-1999	NONE			
US 6196059	B1	06-03-2001	NONE			
US 2002170341	A1	21-11-2002	DE JP	10112433 A1 2002323424 A	02-10-2002 08-11-2002	
US 5932953	A	03-08-1999	AU BR CA EP WO	8176898 A 9810479 A 2295225 A1 1018173 A1 9900855 A1	19-01-1999 12-09-2000 07-01-1999 12-07-2000 07-01-1999	